

Pre—Visit Activities  
***The Milky Way: A Day in the Life of a Dairy Animal***  
Kindergarten Program

**Note to the Teacher:**

Your Kindergarten class field trip includes a 30 minute instructional program, reinforcing the following Virginia *Standards of Learning*:

- Science K.1, K.6, K.8
- Health and Wellness K.1

The program follows the daily life of a dairy animal, and includes an opportunity to milk a model cow and pet a farm animal. The program includes a guessing game identifying the quantity of food and water consumed, as well as the amount of milk produced by a dairy cow.

Prior to your field trip, we encourage you to share one or more of the following activities with your class:

1. Read stories about farm animals, specifically dairy animals:
  - Cow, by Malachy Doyle, illustrated by Angelo Rinaldi
  - Milk, written and illustrated by Donald Carrick
  - Beatrice's Goat, by Page McBrier, illustrated by Lori Lohstoeter
2. Lead a discussion about foods that children eat. Do animals at the farm, especially cows or goats, eat differently? What dairy products come from cows and/or goats?
3. Complete the Sample Packet Activity:

wool	corn	straw
sweet feed	hay	oats

Have the students identify the object in each packet. Identify the individuals and/or animals associated with each product (e.g, the person who produces and harvests the item, or the animals that produce, eat or use the product).

4. Ask the students what their favorite activity would be if they were a cow or goat. Have them draw a picture of this activity.
5. Access the web site: [www.moomilk.com](http://www.moomilk.com) for a fun-filled, virtual tour of the dairy industry.



**Frying Pan Park**  
2709 West Ox Rd., Herndon, VA 20171  
Phone: 703-437-9101 TTY: 703-803-3354  
[www.fairfaxcounty.gov/parks/fpp](http://www.fairfaxcounty.gov/parks/fpp)



Pre—Visit Activities  
***The Farm Family***—First Grade Program

**Note to the Teacher:**

Your 1<sup>st</sup> grade class field trip includes a 1-hour instructional program reinforcing the following FCPS *Standards of Learning* for the first grade level:

- History 1.1
- Geography 1.7
- Economics 1.9

Program activities explore the traditional roles of the members of a farm family. Program leaders discuss the ways natural, capital and human resources of Fairfax County changed from the early 20<sup>th</sup> century to the present. “Compare and contrast” skills are reinforced throughout the program. The second half of the program includes hands-on activities implementing concepts discussed in the classroom.

Prior to your field trip, we encourage you to prepare the students by completing one or more of the following activities:

1. Read stories about farm animals and/or farm families, such as:
  - *The Ox-Cart Man* by Donald Hall, 1979, Puffin Books  
(A Caldecott Medal Book)
  - *Emma’s Lamb* by Kim Lewis, 1991, Candlewick Press

2. Complete the Sample Packet Activity:

wool	corn	straw
sweet feed	hay	oats

Conduct a “What? Who? Where? Game” as follows:

- Identify *what* the sample is.
  - Tell *who* would be associated with the sample (e.g., who would grow and/or harvest it, who would eat it, who might bed down in it?)
  - Explain *where* you would find this item on the farm.
3. Conduct an activity in which the students draw a picture of a farm, a farm family, or some of the products that are grown on a farm.
  4. Identify and discuss the roles of family members in a home. Each family member has important jobs to help their family (e.g., adults cook or shop, do the laundry, mow the grass; children help feed the pets, clean their rooms).
  5. Access the web site: [www.moomilk.com](http://www.moomilk.com) for a fun-filled, virtual tour of the dairy industry.



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Pre—Visit Activities  
**Mooving the Milk to Town**—Second Grade Program

**Note to the Teacher:**

Your 2<sup>nd</sup> Grade Class field trip includes a 1-hour instructional program reinforcing the following FCPS *Standards of Learning* for the second grade level:

- History and Social Sciences: 2.2, 2.4, 2.6

The program compares and contrasts the development of rural and urban communities in Fairfax County and Washington D.C., from the early 20<sup>th</sup> century to the present. Students conceptualize the impact of human resources, natural resources and capital resources in developing the Floris community. A visual display assists in “mapping this program.” Students experience the interdependence of agricultural producers and urban consumers by playing the “Mooving the Milk to Town” relay game.

Prior to your field trip, we encourage you to prepare your students by completing one or more of the following activities:

1. Complete the Sample Packet Activity:

wool	corn	straw
sweet feed	hay	oats

Have the students identify the object in each packet. Identify the individuals and/or animals associated with each product (e.g., the person who produces and harvests the item, or the animals that produce, eat or use the product).

2. Identify animals or crops produced on farms. What products do farms provide communities? What products do communities provide farms? If possible, have the children research the information.
3. Read stories about dairy animals or farm family life. An example might be the stories written and illustrated by Bob Artly.
4. Access the web site: [www.moomilk.com](http://www.moomilk.com) for a fun filled, virtual tour of the dairy industry.
5. Have the students write about a day in the life of a farm animal, from the animal’s point of view.



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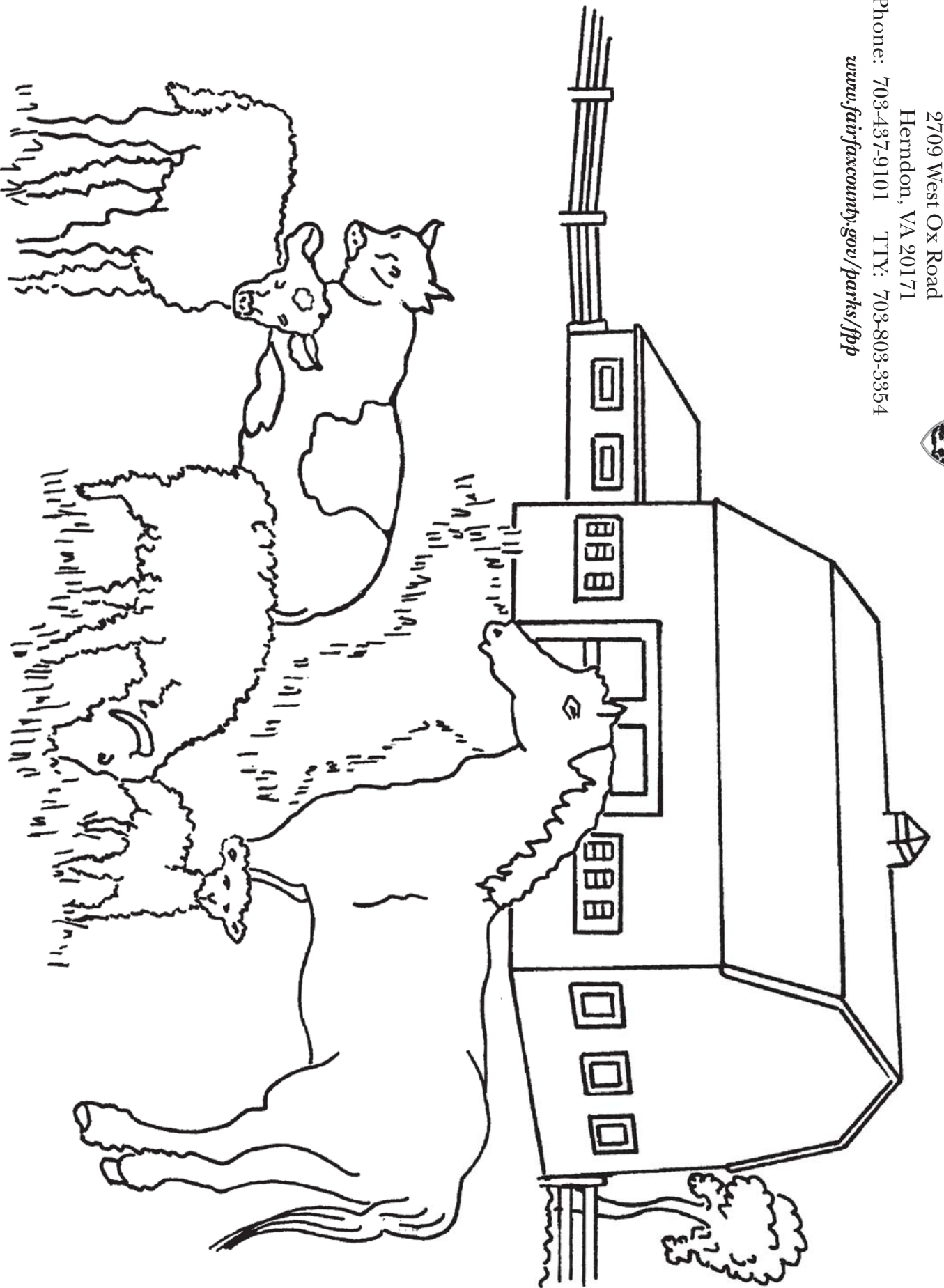




# Kidwell Farm at Frying Pan Park

2709 West Ox Road  
Herndon, VA 20171

Phone: 703-437-9101 TTY: 703-803-3354  
[www.fairfaxcounty.gov/parks/fbp](http://www.fairfaxcounty.gov/parks/fbp)





Directions to:

### ***Frying Pan Park***

2709 West Ox Road, Herndon, VA 20171

Phone: 703-437-9101 TTY: 703-803-3354

[www.fairfaxcounty.gov/parks/fpp](http://www.fairfaxcounty.gov/parks/fpp)



**From I-495:** go west on I-66 to FFX County Parkway, Route 7100. Go north on FFX County Parkway **approximately 6 miles**, to West Ox Road. Turn left on West Ox Road, and proceed 1.4 miles to park entrance on the right.

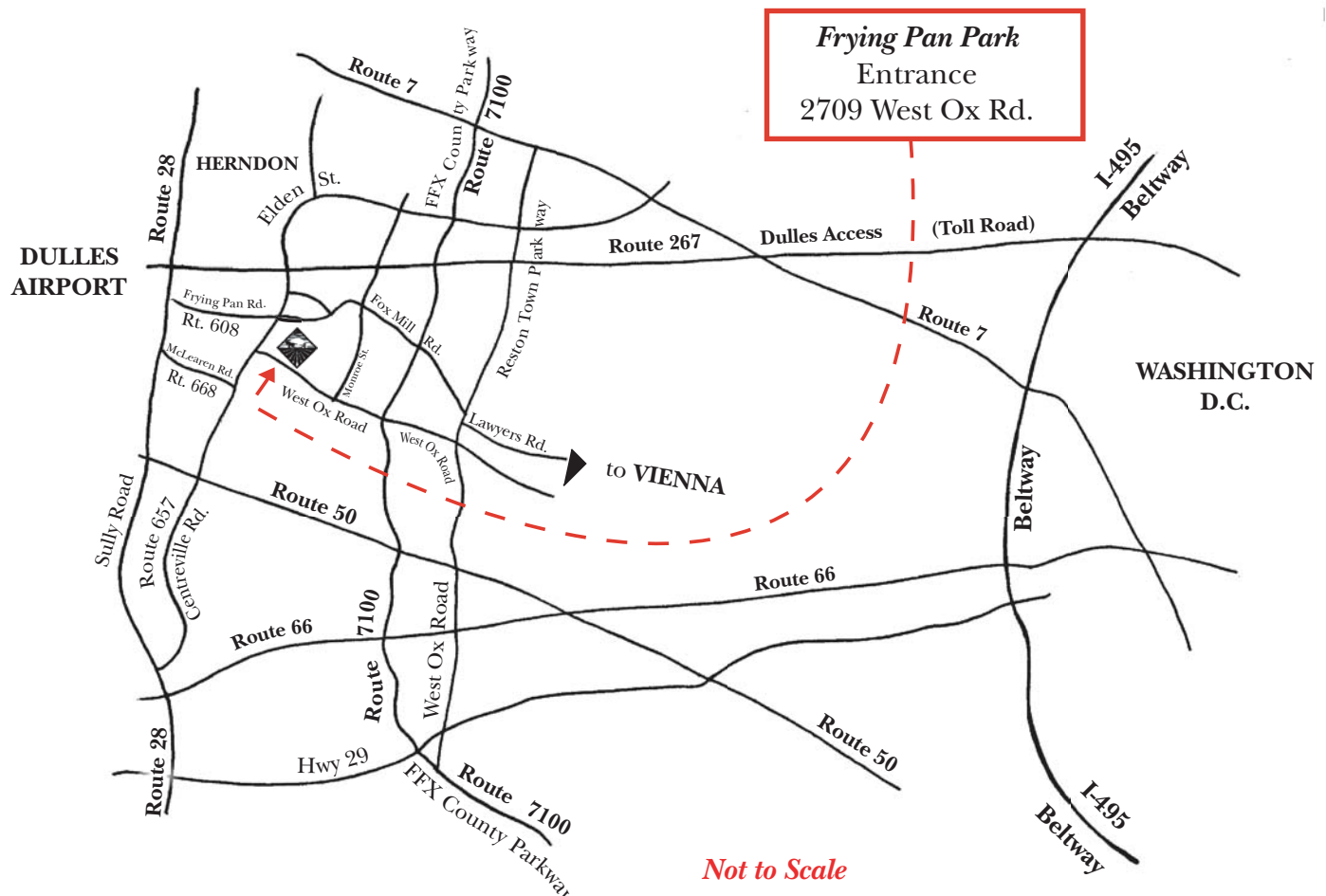
**From I-66:** take exit 55, FFX County Parkway, Route 7100, **north 6 miles**. Turn left on West Ox Road. Go 1.4 miles to park entrance on the right.

**From Dulles Toll Road, Route 267:** use Exit 10, Route 657. Go south on Centreville Road approximately 1.5 miles to left on West Ox Road. Continue to park entrance on the left.

**Also from Dulles Toll Road, Route 267:** exit south on FFX County Parkway. Continue south on FFX County Parkway approximately 1.5 miles to West Ox Road. Turn right, and continue about 1.4 miles to park entrance on the right.

**From Route 28:** go east on McLearen Road, Route 668; left (north) on Centreville Rd., Rt. 657; right on West Ox Road to park on left.

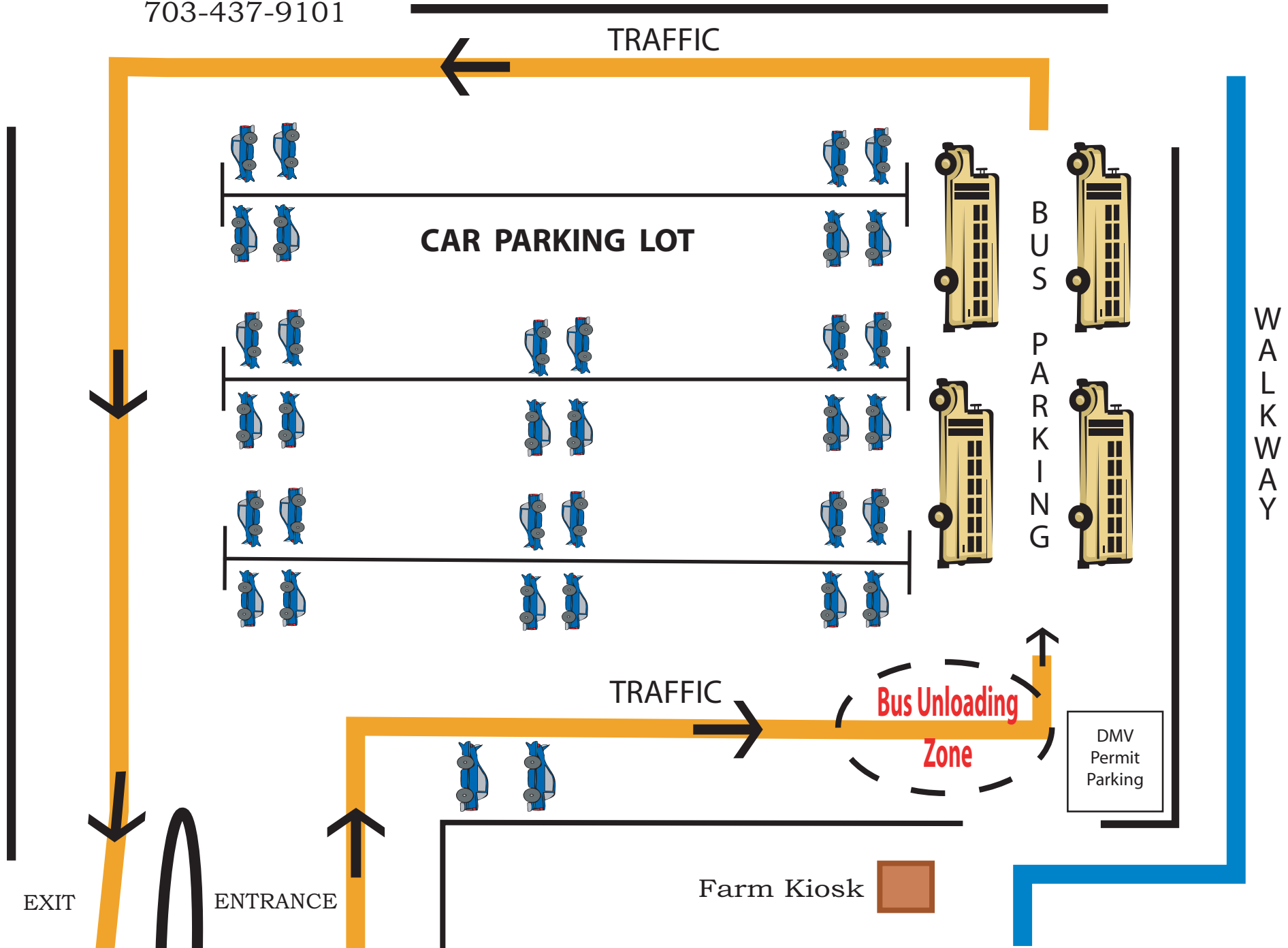
**Also from Route 28:** go east on Frying Pan Road, Route 608; right (south) on Centreville Rd., left on West Ox Road to park on left.



# Frying Pan Park - Bus Parking

2709 West Ox Road  
Herndon, Va 20171  
703-437-9101

Activity Center  
& Park Office





## *Frying Pan Park*

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### **SAMPLE PACKETS**



**CORN:** Field Corn is harvested for livestock when the corn on the stalk becomes hard and dry, usually in October. (People prefer their corn sweeter & more moist, so they plant a different variety & harvest their corn in mid-summer.) Feed corn for farm animals is shelled (corn stripped off the cob) with a hand powered shelling machine. Practically every animal on the farm eats corn, but the farmer usually grinds it first. Whole corn (as you see in the packet) is hard for animals to digest because of the thick “skin” around the kernel. It is ground, cracked, rolled or flaked, to help the livestock digest and utilize the nutrients.



**HAY:** Hay is made from a combination of several nutritious grass plants (e.g., rye, timothy, orchard grass); and clover or alfalfa (legumes which are like the livestock’s “vegetables”). These plants have very fine stems, leaves and seed heads which have lots of nutrients and are easy for livestock to digest. The plants are allowed to grow very tall and then are cut at the base of the plants. The hay is left in the field to dry for 2-3 days, and then it is baled and stored in a dry place until needed to feed the animals.

**STRAW:** Oats, wheat, barley and other grass plants are harvested for the highly nutritious seeds or grains they produce. These grains may be used in cereal, breads and pasta which people eat; or in feeds prepared for livestock. After the grains are harvested, the left over stems (which are dry and coarse) are baled and stored in a dry place until needed for livestock bedding. Straw spread on the floor of a stall helps keep the animals clean, dry and warm. Straw is cheaper to buy than hay.

**OATS:** Oats are seeds of oat grass which is harvested for grain. People eat cooked oats in products such as oatmeal, bread or oatmeal cookies. Cattle, sheep, goats and horses eat oats raw, as you see them in the sample packet. Oat grain is nutritious and easy for livestock to digest.



**SWEET FEED:** Sweet feed is a mixture of corn, oats, a protein supplement pellet and molasses. Molasses is sweet and makes the feed taste good to the animals. Sweet feed is fed to cows, sheep and goats. This type of feed adds variety to the animals’ diet and gives them extra calories and protein, which is especially important during the cold winter months.



**WOOL:** Domestic sheep are bred with a genetic variation that causes their wool to continue growing, similar to human hair. The wool (i.e., fleece) is cut (sheared) in early spring, giving the sheep all summer and autumn to grow a new warm coat before the cold winter. After shearing, the wool is cleaned and carded to be used as batting to make warm comforters for peoples’ beds. The wool can also be spun into yarn to make sweaters, coats, blankets or rugs. Wool is one of the most durable textiles available.





# Kidwell Farm at Frying Pan Park



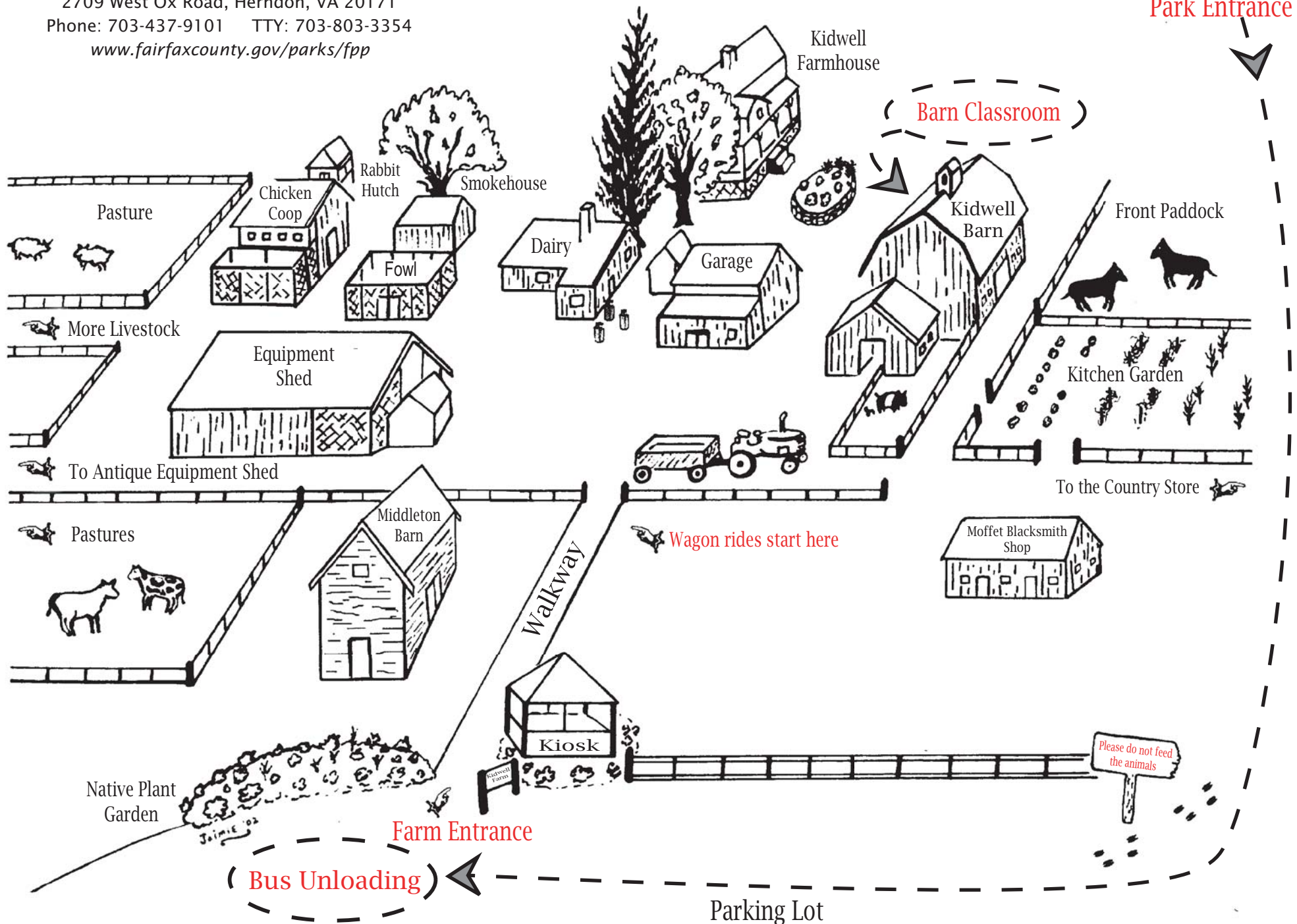
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[www.fairfaxcounty.gov/parks/fpp](http://www.fairfaxcounty.gov/parks/fpp)

West Ox Road

Park Entrance





*Add to your field trip:*  
***A Tractor Drawn Wagon Ride***



***Frying Pan Park*** offers tractor drawn wagon rides to our visitors. Enjoy riding through and learning about the equestrian areas of the park, the woods along the stream, the crop fields, and Kidwell Farm. It's a journey back to the simpler life of Fairfax County's rural heritage.

- ✧ Each wagon ride will last approximately 20 minutes.
- ✧ Cost is \$2 per rider; reservations require a minimum of 10 riders.
- ✧ Pre-paid reservations paid two weeks in advance qualify for a group discount-one rider free for each ten pre-paid.
- ✧ All reservations need to be made well in advance...rides book up early. Otherwise, rides are on a "first come, first serve" basis.
- ✧ Maximum: 30 people per wagon ride.
- ✧ Make checks payable to FCPA (Fairfax County Park Authority). Credit cards accepted (Visa & MC)

To inquire about available times and reservations, call 703-437-9101.



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*[www.fairfaxcounty.gov/parks/fpp](http://www.fairfaxcounty.gov/parks/fpp)*





*Add to your field trip:*

*Shopping at the*  
**FRYING PAN COUNTRY STORE**

**Let your students  
take the learning home!**

Educational Books  
Old Fashioned Games  
Toy Farm Tractors & Animals  
Old Fashioned Candy Sticks  
Ice Cream, Snacks & Drinks  
Fresh Eggs

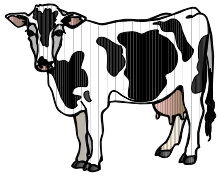
*Many items under \$5*



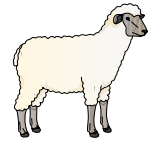
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*Frying Pan Country Store*  
**Souvenir Bag**  
**Teacher Order Form**



**Teachers:** Each of your students can bring home a souvenir from your field trip to Frying Pan Park! Please feel free to copy and distribute the enclosed student order forms.

Souvenir bags are \$4.00 each, and each bag contains:

- A farm activity book
- A farm animal toy
- A beautiful picture post card of Frying Pan Park
- A Frying Pan Park pencil
- A Frying Pan Park Logo sticker
- Assorted candy

**Prepaid** group orders must be received **at least one week prior** to the scheduled field trip. Souvenir bags can be **picked up at the Country Store**.



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(Detach here and return with group payment)

***Souvenir Bag***  
**Teacher Order Form**

Teacher's name: \_\_\_\_\_ School: \_\_\_\_\_

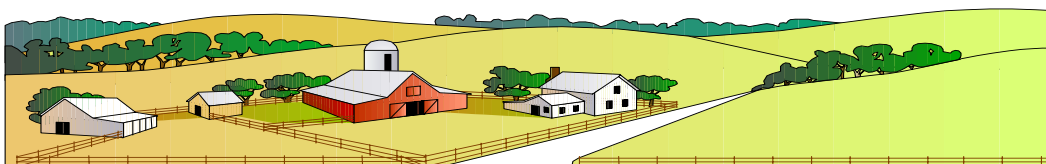
Scheduled field trip date: \_\_\_\_\_ Age/Grade Level: \_\_\_\_\_

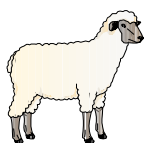
Name of Scheduled Program: \_\_\_\_\_,

or Self-Guided: \_\_\_\_\_

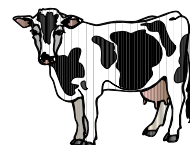
# of bags ordered: \_\_\_\_\_ for age/grade level: \_\_\_\_\_  
\_\_\_\_\_ for age/grade level: \_\_\_\_\_

Amount enclosed for Souvenir Bags @ \$4.00 each: \_\_\_\_\_  
(Make checks payable to F.C.P.A.)





*Frying Pan Country Store*  
*Souvenir Bag*  
**Student Order Form**



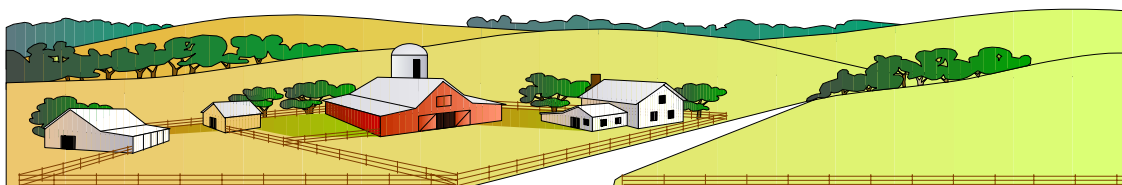
*Your child can bring home a remembrance of  
his/her field trip to **Frying Pan Park!***

**Each farm souvenir bag contains:**

- ❖ A farm activity book
- ❖ A beautiful picture post card of ***Frying Pan Park***
- ❖ A ***Frying Pan Park*** pencil
- ❖ A ***Frying Pan Park*** logo sticker
- ❖ A farm animal toy
- ❖ Assorted old fashioned candy sticks

Souvenir bags cost \$4.00 each. **Order forms and money will be collected by your teacher on or before:** \_\_\_\_\_.

(Group orders must be received at ***Frying Pan Park***, with payment, at least one week prior to the scheduled field trip.)



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.....  
(Detach here and return with payment to teacher)

*Souvenir Bag*  
**Student Order Form**

Student's name: \_\_\_\_\_

Teacher: \_\_\_\_\_

School: \_\_\_\_\_

Age/Grade: \_\_\_\_\_

# of bags ordered: \_\_\_\_\_

Amount enclosed: \$ \_\_\_\_\_  
(Make checks payable to F.C.P.A.)